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(54) Title: METHODS AND SYSTEMS FOR CONTROLLING ACCESS TO A DATA OBJECT BY MEANS OF LOCKS

Table 1

Field A	Field B	Field C	...	Field X
A	B			
B	B			C
B	C			
C	F			
...

Persistent Lock Object

ID 1	Archive
AB	001
BB	002
BC	002
CF	003
...	...

Table 2

Field A	Field B	Field C	...	Field Y
E	L			
F	K			
G	H	M		to Table 1
C	F			
...

Transactional Lock Object

ID 2
AB
BC
CF
...

(57) Abstract: The Invention relates to a process for accessing in a computer system a data object having an identifier (ID), comprising: checking, before accessing said data object, whether said ID is contained in a first lock object and whether a link to a storage location is assigned to said ID in said first lock object, and in case said ID is not contained in said first lock object and/or no link is assigned to said ID, performing a read and/or write access on said data object, else, skipping said access.

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